LISTING OF THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application. Added text is indicated by underlining, and deleted text is indicated by ~~strikethrough~~. Changes are identified by a vertical bar in the margin.

1. (Currently amended) A method of transmitting a communication signal between a radio base station and ~~a~~ multiple radiation ~~element~~ elements, the method comprising:

receiving an input signal from the multiple radiation elements over a common feeder cable;

extracting a data signal from the input signal that includes values representing operating parameters of devices at the multiple radiation ~~element~~ elements; and

producing a status signal for each device that simulates a feedback signal for the device.

2. (Original) A method as defined in Claim 1, wherein the input signal comprises a plurality of communication signals.

3. (Original) A method as defined in Claim 1, wherein the devices include system cables.

4. (Original) A method as defined in Claim 1, wherein the devices include a mast head amplifier.

Claims 5-7 (Cancelled)

8. (Previously Amended) A method of transmitting a communication signal between a radio base station and a radiation element, the method comprising:

receiving an input signal;

extracting a data signal from the input signal that includes values representing operating parameter settings for devices at the radiation element; and

producing an output signal for each device that transfers the operating parameter setting to the device.

9. (Original) A method as defined in Claim 8, wherein the input signal comprises a plurality of communication signals.

10. (Original) A method as defined in Claim 8, wherein the devices include a mast head amplifier.

Claims 11-14 (Cancelled)

15. (Currently Amended) An apparatus for transmitting a communication signal between a radio base station and ~~a~~ multiple radiation ~~element~~ elements, the apparatus comprising:

a bias tee configured to receive an input signal from the multiple radiation elements over a common feeder cable;

a controller configured to extract a data signal from the input signal that includes values representing operating parameters of devices at the multiple radiation ~~element~~ elements and to produce a status signal for each device; and

a load simulator that simulates a feedback signal for the device.

16. (Cancelled)

17. (Previously Amended) An apparatus for transmitting a communication signal between a radio base station and a radiation element, the apparatus comprising:

a bias tee configured to receive an input signal; and

a controller configured to extract a data signal from the input signal that includes values representing operating parameter settings for devices at the radiation element and to produce an output signal for each device that transfers the operating parameter setting to the device.

18. (Cancelled)